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ABSTRACT

In 1990, a follow-up study was conducted of 1986-87 Johnson County Community College (JCCC) career program completers to assess their career and educational experiences over an extended period of time. Data from 128 returned mail surveys and 166 completed telephone interviews represented responses from 86.2% of the 462 students who left JCCC with a degree or marketable skills during 1986-87. Findings included the following: (1) 83.7% of the respondents had achieved their ultimate educational objective at JCCC; (2) 90.8% indicated that JCCC had improved the quality of their life, 99% would recommend JCCC to friends, 81% would encourage their children to attend JCCC, and 94.2% would attend JCCC again if starting over; (3) 83.2% were employed in jobs related to their JCCC course of study; (4) 86.1% had progressed in their career since completion of their JCCC course of study; (5) 92.2% of those employed in a job related to their JCCC course of study were working full-time; (6) of respondents working full-time, females averaged an hourly wage of $11.08, while males averaged $12.65 per hour; (7) 48.3% of the respondents had participated in educational endeavors since the completion of their JCCC career program, with 40.1% of this group returning to JCCC; (8) 23.5% were currently participating in educational endeavors, with 27.5% of this group enrolled at JCCC; and (9) 46.9% planned to enroll in college within the next year. Appendixes include the survey instrument and cover letters. (GFW)

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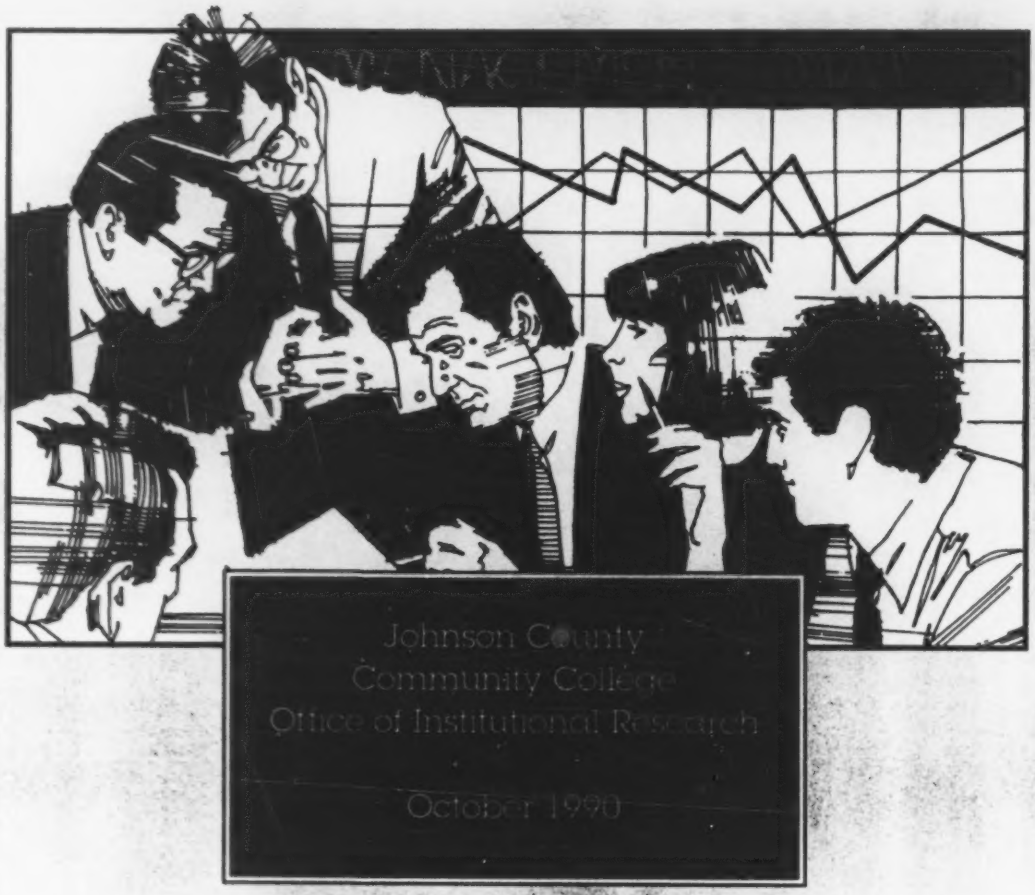
1986-87 JCCC Career Program Completers:
A Three-Year Follow-up Study



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1986-87 JCCC CAREER PROGRAM COMPLETERS: A THREE-YEAR FOLLOW-UP STUDY

Graduates, certificate recipients, and students leaving JCCC career programs with marketable skills during 1986-87 were followed up in the summer of 1990 to provide insights into the career and educational experiences of former career students over an extended period of time.

The following five-part methodology was employed in an effort to maximize the response rate:

1. A survey and cover letter were mailed to all 462 completers on June 18.

2. A second survey and cover letter were mailed to nonrespondents on July 9.

3. All remaining nonrespondents were telephoned the week of July 30.

4. Completers for whom new addresses were provided by individuals contacted during the telephone phase of the project were mailed a survey and cover letter the week of August 6.

5. Program administrators were apprised of remaining nonrespondents on August 22 to provide them with the opportunity to employ any other means at their disposal for locating their former students.

The list of 462 potential respondents was reduced by 13 who indicated JCCC records were in error, and by 108 who were unreachable due to disconnected telephones and the inability of the postal service to locate them. Of the remaining 341 former students, 128 returned mail surveys and 166 completed telephone interviews (n=294, 86.2%).

A list of tables is provided to facilitate location of specific data. Results are presented by career program as often as possible to enhance the usefulness of findings. Caution should be exercised in generalizing these data due to the relatively small number of respondents in some programs.

NOTE: Findings may not necessarily be representative of either the number of students enrolled in each program or the salaries of all career program completers.

Inquiries regarding this report or previous career student follow-up studies may be directed to:

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EXECUTIVE SUMMARY

This three-year follow-up study of 1985-86 JCCC career program completers was conducted to provide insights into the career and educational experiences of former career students over an extended period of time. Included in the population surveyed were career program graduates, certificate recipients, and those completing sufficient courses to have either acquired new skills or substantially enhanced the skills they possessed at the time of their initial enrollment at JCCC. Highlights of findings were:

* Over 80 percent of survey respondents had achieved their ultimate educational objective at JCCC (83.7%).

* Over 90 percent indicated JCCC had improved the quality of their life (90.8%); if starting now, they would still attend JCCC (94.2%); they would recommend JCCC to friends (99.0%); and they would encourage their own children to attend JCCC (81.0%).

* Over 80 percent were employed in jobs related to their JCCC course of study (83.2%).

* Nearly 90 percent had progressed in their career since completion of their JCCC course of study (86.1%). Of those, nearly two-thirds had received professional recognition (62.0%) and half had been promoted (50.2%).

* Nearly nine out of ten respondents working in a job related to their JCCC course of study reported satisfaction with their current job (87.0%). Less than three in ten were working in their current job prior to attending JCCC (28.4%).

* Over 90 percent of those employed in a job related to their JCCC course of study were working full-time (92.2%).

* An average hourly wage of $11.74 was reported by respondents employed full-time in jobs related to their JCCC career program; females averaged $11.08 per hour and males averaged $12.65.

* The majority indicated JCCC helped them to improve a variety of personal and professional skills, including oral and written communication, decision making, and tolerance for people and ideas. See Table 4.

* Nearly one in two respondents had participated in educational endeavors since completion of their JCCC career program in 1986-87 (48.3%). Of those, 40.1 percent had returned to JCCC.

* Nearly one in four respondents were currently participating in educational endeavors (23.5%). Of those, 27.5 percent were enrolled at JCCC.

* With the exception of the availability of financial aid, the level of satisfaction with various aspects of college was substantially greater at JCCC than at a four-year college or university attended. See Table 5.

* Nearly half planned to enroll within the next year (46.9%). Of those, nearly 40 percent planned to enroll at JCCC.

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Table 1

DEMOGRAPHIC PROFILE

	Number of Responses	Percent
Sex		
Male	113	38.4%
Female	179	60.9
Unknown	2	.7
Age		
21 to 25	73	24.8%
26 to 30	77	26.2
31 to 35	61	20.7
36 to 40	33	11.2
41 to 50	34	11.6
Over 50	12	4.1
Unknown	4	1.4
Mean = 32.2; Median = 30.1		
Race		
White	276	93.9%
American Indian or Alaskan	6	2.0
Hispanic	6	2.0
Asian or Pacific	3	1.0
Black	3	1.0
Marital Status		
Never married	86	29.3%
Currently married	173	58.8
Previously married	34	11.6
Unknown	1	.3
Family Income		
Under $ 20,000	39	13.3%
$20,000 - 40,000	141	48.0
40,001 - 60,000	66	22.4
60,001 - 80,000	24	8.2
80,001 - 100,000	6	2.0
Over 100,000	5	1.7
Unknown	13	4.4

Table 2

JCCC EDUCATIONAL OBJECTIVE

	Number of Responses	Percent
Original Educational Objective at JCCC		
Prepare to enter job market	136	46.3%
Improve skills for present job	57	19.4
Prepare to change careers	36	12.2
Transfer to another college/university	29	9.9
Explore courses to decide on career	17	5.8
Study topics of interest/self-improvement	12	4.1
Remedy or review basic skills	1	.3
Other/unknown	6	2.0
Changed Educational Objective		
Yes	33	11.2%
No	260	88.4
Unknown	1	.4
New Educational Objective		
Transfer to another college/university	12	36.4%
Prepare to enter job market	10	30.3
Prepare to change careers	4	12.1
Explore courses to decide on career	2	6.1
Study topics of interest/self-improvement	2	6.1
Improve skills for present job	1	3.0
Unknown	2	6.1
Achieved Ultimate Educational Objective		
Yes, completely	246	83.7%
Yes, partially	36	12.2
No	10	3.4
Unknown	2	.7
JCCC Helped Achieve Objective		
Yes	263	93.3%
Unsure	6	2.1
No	1	.4
Unknown	12	4.2

Table 3

JCCC EXPERIENCES

	Number of Responses	Percent
Method of JCCC Career Program Completion		
Earned associate's degree	200	68.0%
Earned vocational certificate	37	12.6
Left with marketable skills	49	16.6
Unknown	8	2.7
Number of Semesters in JCCC Career Program		
1 or 2	53	18.0%
3 or 4	104	35.4
5 or 6	79	26.9
7 or 8	30	10.2
9 or more	15	5.1
Unknown	13	4.4
Mean = 4.6; Median = 4.3		
Credit Hours Completed at JCCC		
15 or less	34	11.6%
16 to 30	27	9.2
31 to 45	22	7.5
46 to 60	34	11.6
Over 60	128	43.5
Unknown	49	16.6
Mean = 53.9; Median = 62.1		
Used JCCC Career Planning and Placement Center		
Yes	104	35.4%
No	186	63.3
Unknown	4	1.4
JCCC Grades		
Mostly A's	92	31.3%
Mostly A's and B's	118	40.1
Mostly B's	36	12.2
Mostly B's and C's	42	14.3
Mostly C's	3	1.0
Mostly C's and D's	1	.3
Unknown	2	.7

Table 4

PERCEPTIONS OF JCCC EXPERIENCES

	JCCC Should Have Helped With This				JCCC Did Help With This			
	Number of Responses	Agree	Neutral	Disagree	Number of Responses	Agree	Neutral	Disagree
Improve oral communication skills	266	79.3%	17.3%	3.4%	269	72.5%	21.6%	5.9%
Improve decision-making skills	267	74.9	20.6	4.5	274	74.8	20.1	5.1
Broaden knowledge of arts and sciences	257	76.7	19.1	4.3	257	72.0	21.0	7.0
Expand tolerance for people and ideas	258	67.4	24.8	7.8	261	67.0	25.3	7.7
Improve written communication skills	260	74.6	21.5	3.8	257	66.9	26.8	6.2
Improve time management skills	262	69.8	24.0	6.1	268	66.8	27.2	6.0
Clarify personal values and goals	261	67.4	24.5	8.0	265	61.5	26.8	11.7
Improve interpersonal skills	260	56.9	33.8	9.2	265	57.7	34.3	7.9

NOTE: Data were collected utilizing a 5-point scale ranging from strongly agree to strongly disagree. Thus, the "agree" column includes strongly agree and agree responses combined, and the "disagree" column includes disagree and strongly disagree responses combined.

Table 5

SATISFACTION WITH VARIOUS ASPECTS OF COLLEGE

	At JCCC				At 4-Year College/University			
	Number of Responses	Satisfied	Neutral	Dissatisfied	Number of Responses	Satisfied	Neutral	Dissatisfied
Facilities and equipment	284	93.0	4.9	2.1	126	66.7	23.8	9.5
Quality of instruction	288	91.7	5.9	2.4	131	78.6	13.7	7.6
Helpfulness/individual attention of faculty	288	89.9	7.6	2.4	131	58.0	22.9	19.1
Variety of courses	278	87.4	8.3	4.3	130	82.3	10.8	6.9
Convenience of class scheduling	286	83.9	11.9	4.2	131	64.9	22.9	12.2
Registration process	285	80.7	13.0	6.3	131	54.2	20.6	25.2
Career or transfer preparation	249	69.5	25.3	5.2	115	49.6	38.3	12.2
Academic advisement and counseling	266	66.5	22.9	10.5	126	52.4	23.8	23.8
Job placement services	171	49.1	40.4	10.5	76	27.6	52.6	19.7
Availability of scholarships and financial aid	182	43.4	45.6	11.0	90	57.8	27.8	14.4

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and satisfied responses combined, and the "dissatisfied" column includes dissatisfied and very dissatisfied responses combined.

Table 6

FOUR-YEAR COLLEGE/UNIVERSITY
COMPARED IN TABLE 5

	Number of Responses	Percent
The University of Kansas	21	16.0%
Kansas State University	12	9.2
University of Missouri at Kansas City	10	7.6
Ottawa University	5	3.8
Pittsburg State University	5	3.8
Avila College	4	3.1
Baker University	4	3.1
Emporia State University	4	3.1
Rockhurst College	4	3.1
Central Missouri State in Warrensburg	3	2.3
Mid-America Nazarene College	3	2.3
Northwest Missouri State in Marysville	3	2.3
Washburn University	3	2.3
Southwest Missouri State at Springfield	2	1.5
Wichita State University	2	1.5
University of Missouri at Columbia	2	1.5
Fort Hays State University	1	.8
Kansas City Art Institute	1	.8
Missouri Western State in St. Joseph	1	.8
Northeast Missouri State in Kirksville	1	.8
Sterling College	1	.8
Out-of-area colleges and universities (15 other states represented)	22	16.8
Unknown	17	13.0

Table 7

OVERALL SATISFACTION WITH JCCC

	Number of Responses	Percent
JCCC Improved Quality of Life		
Definitely	267	90.8%
Probably	17	5.8
Uncertain	10	3.4
If Starting Now, Would Attend JCCC Again		
Definitely	277	94.2%
Probably	10	3.4
Uncertain	7	2.4
Would Recommend JCCC to Friends		
Yes	291	99.0%
Unsure	1	.3
No	2	.7
Would Encourage Own Children to Attend JCCC		
Yes	238	81.0%
Unsure	26	8.8
No	11	3.7
Unknown	19	6.5

Table 8

EDUCATIONAL EXPERIENCES SINCE JCCC

	Number of Responses	Percent
Participated in Educational Endeavors Since Leaving JCCC		
Yes	142	48.3%
No	151	51.4
Unknown	1	.3
Where		
JCCC	57	40.1%
Avila College	5	3.5
The University of Kansas	5	3.5
Ottawa University	4	2.8
Baker University	3	2.1
Pittsburg State University	3	2.1
University of Missouri at Kansas City	3	2.1
Washburn University	3	2.1
Emporia State University	2	1.4
Kansas City, Kansas Community College	2	1.4
Kansas State University	2	1.4
Multiple colleges/universities	13	9.2
Other Kansas/Missouri colleges (one response each)	8	5.6
Out-of-area colleges	5	3.5
Noncollege continuing education offerings	11	7.7
Unknown	16	11.3
Classes Related to Career Program		
Yes	81	57.0%
No	56	39.4
Unknown	5	3.5
Earned Degree or Certificate		
Yes	47	33.1%
No	93	65.5
Unknown	2	1.4
Degree/Certificate Earned*		
Vocational certificate	18	38.3%
Associate's degree	4	8.5
Bachelor's degree	17	36.2
Other	8	17.0

* Multiple responses; numbers and percentages are not additive.

Table 9

CURRENT EDUCATIONAL PROFILE

	Number of Responses	Percent
Currently Participating in Educational Endeavors		
Yes	69	23.5%
No	223	75.9
Unknown	2	.7
Where		
JCCC	19	27.5%
Ottawa University	6	8.7
The University of Kansas	5	7.2
Baker University	3	4.3
Kansas City, Kansas Community College	2	2.9
University of Missouri at Kansas City	2	2.9
Washburn University	2	2.9
Other Kansas/Missouri colleges (one response each)	8	11.6
Multiple locations cited	3	4.3
Out-of-area colleges	2	2.9
Noncollege continuing education offerings	1	1.4
Unknown	16	23.2
Plan to Enroll Within Next Year		
Yes	138	46.9%
Unsure	63	21.4
No	89	30.3
Unknown	4	1.4
Where		
JCCC	54	39.1%
The University of Kansas	9	6.5
Ottawa University	7	5.1
Kansas City, Kansas Community College	4	2.9
Kansas State University	3	2.2
University of Missouri at Kansas City	3	2.2
Avila College	3	2.2
Baker University	3	2.2
Washburn University	2	1.4
Maple Woods Community College	2	1.4
Noncollege continuing education offerings	2	1.4
Multiple locations cited	6	4.3
Other Kansas/Missouri colleges (one response each)	11	8.0
Out-of-state colleges	12	8.7
Unknown	17	12.3

Table 10

CURRENT PRIMARY EDUCATIONAL OBJECTIVE

	Number of Responses	Percent
Improve skills for present job	97	33.0%
Study topics of interest/self-improvement	53	18.0
No plans for more education	48	16.3
Prepare for graduate school	23	7.8
Transfer to another college/university	20	6.8
Prepare to enter job market	14	4.8
Prepare to change careers	13	4.4
Explore courses to decide on career	12	4.1
Remedy or review basic skills	2	.7
Unknown	12	4.1

Table 11

USE OF CAREER PROGRAM SKILLS

	Number of Responses	On the Job	Volunteer Work	Not Using Skills	Other/ Unknown
Accounting	7	100.0%	0.0%	0.0%	0.0%
Administration of Justice	10	70.0	0.0	20.0	10.0
Automotive Technology	5	80.0	0.0	0.0	20.0
Aviation Maintenance Tech.	2	100.0	0.0	0.0	0.0
Biomedical Equipment	3	100.0	0.0	0.0	0.0
Business Administration	8	87.5	0.0	12.5	0.0
Chef Apprentice	1	100.0	0.0	0.0	0.0
Commercial Art	24	87.5	4.2	4.2	4.2
Computer Systems Technology	4	100.0	0.0	0.0	0.0
Data Processing	22	90.9	0.0	9.1	0.0
Dental Hygiene	13	100.0	0.0	0.0	0.0
Drafting Technology	1	100.0	0.0	0.0	0.0
Electronics Engr. Technology	6	66.7	0.0	33.3	0.0
Emergency Medical Technology	22	63.6	13.6	22.7	0.0
Equine Studies	7	42.9	0.0	42.9	14.3
Fashion Merchandising	7	71.4	0.0	28.6	0.0
Fire Science	13	92.3	0.0	0.0	7.7
Hospitality Management	8	100.0	0.0	0.0	0.0
HVAC Technology	7	71.4	14.3	14.3	0.0
Information Word Processing	2	50.0	0.0	50.0	0.0
Interior Merchandising	5	60.0	0.0	0.0	40.0
Interpreter Training	4	100.0	0.0	0.0	0.0
Marketing and Management	2	100.0	0.0	0.0	0.0
M.I.C.T. (Paramedic)	6	83.3	0.0	16.7	0.0
Medical Record Technology	1	100.0	0.0	0.0	0.0
Metal Fabrication	1	100.0	0.0	0.0	0.0
Nursing	25	96.0	0.0	4.0	0.0
Paralegal	37	64.9	0.0	27.0	8.1
Physical Therapy Assistant	3	66.7	0.0	33.3	0.0
Police Academy	13	100.0	0.0	0.0	0.0
Radiologic Technology	2	100.0	0.0	0.0	0.0
Recreational Leadership	1	0.0	100.0	0.0	0.0
Respiratory Therapy	7	100.0	0.0	0.0	0.0
Secretarial Careers	11	81.8	0.0	18.2	0.0
Veterinary Technology	1	100.0	0.0	0.0	0.0
Totals	291	82.1%	2.1%	12.0%	3.8%

Table 12

CURRENT STATUS

	Number of Responses	Employed in Job Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.
Accounting	7	100.0%	0.0%	0.0%	0.0%	0.0%
Administration of Justice	10	70.0	20.0	0.0	0.0	10.0
Automotive Technology	5	60.0	20.0	0.0	0.0	20.0
Aviation Maintenace	2	100.0	0.0	0.0	0.0	0.0
Biomedical Equipment	3	100.0	0.0	0.0	0.0	0.0
Business Administration	8	87.5	0.0	12.5	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0	0.0	0.0
Commercial Art	24	79.2	8.3	0.0	12.5	0.0
Computer Systems Tech.	4	100.0	0.0	0.0	0.0	0.0
Data Processing	22	90.9	9.1	0.0	0.0	0.0
Dental Hygiene	13	100.0	0.0	0.0	0.0	0.0
Drafting Technology	1	100.0	0.0	0.0	0.0	0.0
Electronics Engr. Tech.	7	57.1	0.0	0.0	42.9	0.0
Emergency Medical Tech.	22	68.2	27.3	0.0	4.5	0.0
Equine Studies	7	57.1	28.6	0.0	0.0	14.3
Fashion Merchandising	7	85.7	0.0	14.3	0.0	0.0
Fire Science	13	92.3	0.0	7.7	0.0	0.0
Hospitality Management	8	100.0	0.0	0.0	0.0	0.0
HVAC Technology	7	85.7	0.0	0.0	0.0	14.3
Information Word Processing	2	100.0	0.0	0.0	0.0	0.0
Interior Merchandising	5	80.0	20.0	0.0	0.0	0.0

NOTE: Respondents pursuing additional education who were also employed were tallied in the appropriate employment category only.

Table 12 (Continued)

CURRENT STATUS

	Number of Responses	Employed in Job Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed, Not Pursuing Education	Not in Labor Force, Not Pursuing Ed.
Interpreter Training	4	100.0	0.0	0.0	0.0	0.0
M.I.C.T. (Paramedic)	6	83.3	16.7	0.0	0.0	0.0
Marketing and Management	2	100.0	0.0	0.0	0.0	0.0
Medical Record Technology	1	100.0	0.0	0.0	0.0	0.0
Metal Fabrication	1	100.0	0.0	0.0	0.0	0.0
Nursing	25	92.0	0.0	0.0	4.0	4.0
Paralegal	38	68.4	18.4	5.3	2.6	5.3
Physical Therapy Assistant	3	66.7	0.0	0.0	0.0	33.3
Police Academy	13	100.0	0.0	0.0	0.0	0.0
Radiologic Technology	2	100.0	0.0	0.0	0.0	0.0
Recreational Leadership	1	0.0	0.0	0.0	0.0	100.0
Respiratory Therapy	7	100.0	0.0	0.0	0.0	0.0
Secretarial Careers	11	81.8	0.0	0.0	0.0	18.2
Veterinary Technology	1	100.0	0.0	0.0	0.0	0.0
Totals: 35 Programs	293	83.2%	8.2%	1.7%	3.1%	3.8%

NOTE: Respondents pursuing additional education who were also employed were tallied in the appropriate employment category only.

Table 13

EMPLOYMENT PROFILE

	Number of Responses	Percent
Length of Time on Current Job		
6 months or less	32	11.9%
7 to 12 months	25	9.3
13 to 24 months	50	18.7
25 to 48 months	100	37.3
Over 48 months	52	19.4
Unknown	9	3.4
Mean & Median = 36 months		
First Job in Career Field		
Yes	117	43.7%
No	147	54.9
Unknown	4	1.5
Hourly Wage of Respondents Employed in Job Related to JCCC Training		
$ 4.50 - $ 7.00 per hour	19	7.8%
7.01 - 8.00	24	9.8
8.01 - 9.00	15	6.1
9.01 - 10.00	24	9.8
10.01 - 11.00	19	7.8
11.01 - 12.00	30	12.3
12.01 - 13.00	22	9.0
13.01 - 14.00	19	7.8
14.01 - 15.00	13	5.3
Over 15.00	35	14.3
Unknown	24	9.8
Mean = $11.74; Median = $11.55		

Table 14

WORK EXPERIENCES OF
RESPONDENTS EMPLOYED IN JOB RELATED
TO JCCC CAREER PROGRAM

	Number of Responses	Percent
Progressed in Career Since JCCC		
Yes	210	86.1%
No	33	13.5
Unknown	1	.4
How Progressed*		
Salary increases	178	80.5%
Professional recognition	137	62.0
Promotions	111	50.2
Other progress	45	20.4
Working Conditions		
Excellent/good	191	78.3%
Average	29	11.9
Fair/poor	16	6.6
Unknown	8	3.3
Level of Responsibility		
Excellent/good	193	79.1%
Average	26	10.7
Fair/poor	16	6.6
Unknown	9	3.7
Advancement Potential		
Excellent/good	104	42.6%
Average	51	20.9
Fair/poor	74	30.3
Unknown	15	6.1
Salary		
Excellent/good	128	52.5%
Average	56	23.0
Fair/poor	52	21.3
Unknown	8	3.3
Job in General		
Excellent/good	191	78.3%
Average	31	12.7
Fair/poor	14	5.7
Unknown	8	3.3

* Multiple response item; numbers and percentages are not additive.

Table 15

LEVEL OF JOB SATISFACTION OF RESPONDENTS
EMPLOYED IN JOB RELATED TO JCCC CAREER PROGRAM

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	7	85.7%	0.0%	14.3%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	3	100.0	0.0	0.0
Aviation Maintenance	2	100.0	0.0	0.0
Biomedical Equipment	3	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Commercial Art	18	83.3	5.6	11.1
Computer Systems Technology	4	75.0	0.0	25.0
Data Processing	19	78.9	5.3	15.8
Dental Hygiene	13	92.3	0.0	7.7
Drafting Technology	1	0.0	0.0	100.0
Electronics Engr. Technology	4	50.0	25.0	25.0
Emergency Medical Technology	15	100.0	0.0	0.0
Equine Studies	4	50.0	0.0	50.0
Fashion Merchandising	6	100.0	0.0	0.0
Fire Science	12	75.0	0.0	25.0
Hospitality Management	7	100.0	0.0	0.0
HVAC Technology	6	100.0	0.0	0.0
Information Word Processing	2	50.0	0.0	50.0
Interior Merchandising	4	25.0	25.0	50.0
Interpreter Training	4	100.0	0.0	0.0
Marketing and Management	2	50.0	0.0	50.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Medical Record Technology	1	100.0	0.0	0.0
Metal Fabrication	1	0.0	100.0	0.0
Nursing	23	91.3	0.0	8.7
Paralegal	26	88.5	7.7	3.8
Physical Therapy Assistant	2	100.0	0.0	0.0
Police Academy	12	83.3	16.7	0.0
Radiologic Technology	2	100.0	0.0	0.0
Respiratory Therapy	7	100.0	0.0	0.0
Secretarial Careers	9	100.0	0.0	0.0
Veterinary Technology	1	100.0	0.0	0.0
Totals	238	87.0%	3.8%	9.2%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and satisfied responses combined, and the "dissatisfied" column includes dissatisfied and very dissatisfied responses combined.

Table 16

EMPLOYED IN CURRENT JOB PRIOR TO ATTENDING JCCC

	Number of Responses	No	Yes
Accounting	7	14.3%	85.7%
Administration of Justice	8	25.0	75.0
Automotive Technology	4	25.0	75.0
Aviation Maintenance	2	0.0	100.0
Biomedical Equipment	3	0.0	100.0
Business Administration	7	28.6	71.4
Chef Apprentice	1	100.0	0.0
Commercial Art	20	20.0	80.0
Computer Systems Technology	4	0.0	100.0
Data Processing	21	14.3	85.7
Dental Hygiene	13	23.1	76.9
Drafting Technology	1	0.0	100.0
Electronics Engr. Technology	4	25.0	75.0
Emergency Medical Technology	21	57.1	42.9
Equine Studies	6	16.7	83.3
Fashion Merchandising	6	50.0	50.0
Fire Science	12	66.7	33.3
Hospitality Management	8	25.0	75.0
HVAC Technology	6	33.3	66.7
Information Word Processing	2	0.0	100.0
Interior Merchandising	5	20.0	80.0
Interpreter Training	4	0.0	100.0
Marketing and Management	2	50.0	50.0
M.I.C.T. (Paramedic)	6	66.7	33.3
Medical Record Technology	1	0.0	100.0
Metal Fabrication	1	100.0	0.0
Nursing	23	30.4	69.6
Paralegal	33	15.2	84.8
Physical Therapy Assistant	2	0.0	100.0
Police Academy	12	66.7	33.3
Radiologic Technology	2	0.0	100.0
Respiratory Therapy	7	0.0	100.0
Secretarial Careers	9	22.2	77.8
Veterinary Technology	1	0.0	100.0
Totals	264	71.6%	28.4%

Table 17

CURRENT EMPLOYMENT STATUS OF RESPONDENTS
WORKING IN JOB RELATED TO JCCC CAREER PROGRAM

	Number of Responses	Part-time	Full-time
Accounting	7	0.0%	100.0%
Administration of Justice	7	14.3	85.7
Automotive Technology	3	0.0	100.0
Aviation Maintenance	2	0.0	100.0
Biomedical Equipment	3	0.0	100.0
Business Administration	7	0.0	100.0
Chef Apprentice	1	0.0	100.0
Commercial Art	19	21.1	78.9
Computer Systems Technology	4	0.0	100.0
Data Processing	20	10.0	90.0
Dental Hygiene	13	7.7	92.3
Drafting Technology	1	0.0	100.0
Electronics Engr. Technology	4	0.0	100.0
Emergency Medical Technology	15	6.7	93.3
Equine Studies	4	0.0	100.0
Fashion Merchandising	6	0.0	100.0
Fire Science	12	8.3	91.7
Hospitality Management	8	0.0	100.0
HVAC Technology	6	0.0	100.0
Information Word Processing	2	0.0	100.0
Interior Merchandising	4	25.0	75.0
Interpreter Training	4	0.0	100.0
Marketing and Management	2	0.0	100.0
M.I.C.T. (Paramedic)	5	0.0	100.0
Medical Record Technology	1	0.0	100.0
Metal Fabrication	1	0.0	100.0
Nursing	23	17.4	82.6
Paralegal	26	7.7	92.3
Physical Therapy Assistant	2	50.0	50.0
Police Academy	13	0.0	100.0
Radiologic Technology	2	0.0	100.0
Respiratory Therapy	7	14.3	85.7
Secretarial Careers	9	0.0	100.0
Veterinary Technology	1	0.0	100.0
Totals	244	7.8%	92.2%

Table 18

AVERAGE HOURLY WAGE BY SEX AND PROGRAM
OF RESPONDENTS WORKING FULL-TIME IN JOB
RELATED TO JCCC CAREER PROGRAM

	Overall Average Wage	Males	Females
Accounting	$ 9.02	n/a	$ 9.02
Administration of Justice	11.50	$12.52	6.39
Automotive Technology	15.33	15.33	n/a
Aviation Maintenace Tech.	14.91	14.91	n/a
Biomedical Equipment	10.83	12.50	7.50
Business Administration	10.93	10.52	11.21
Commercial Art	10.45	8.00	10.66
Computer Systems Technology	11.87	11.87	n/a
Data Processing	12.76	14.03	12.12
Dental Hygiene	14.54	n/a	14.54
Drafting Technology	7.75	n/a	7.75
Electronics Engr. Technology	9.32	9.27	9.48
Emergency Medical Technology	10.60	11.33	8.78
Equine Studies	6.19	n/a	6.19
Fashion Merchandising	7.83	n/a	7.83
Fire Science	12.58	12.58	n/a
Hospitality Management	13.96	19.85	9.54
HVAC Technology	14.58	14.58	n/a
Information Word Processing	9.62	n/a	9.62
Interior Merchandising	6.00	n/a	6.00
Interpreter Training	11.92	n/a	11.92
Marketing and Management	12.44	12.00	12.88
M.I.C.T. (Paramedic)	12.83	12.08	15.87
Medical Record Technology	7.00	n/a	7.00
Metal Fabrication	12.00	12.00	n/a
Nursing	15.28	13.51	15.34
Paralegal	10.31	10.08	10.35
Physical Therapy Assistant	9.26	9.26	n/a
Police Academy	12.12	12.36	9.50
Radiologic Technology	11.13	11.13	n/a
Respiratory Therapy	12.49	12.82	11.83
Secretarial Careers	9.00	n/a	9.00
Veterinary Technology	8.00	n/a	8.00
Overall Average Wages	$11.74	$12.65	$11.08

APPENDICES

APPENDIX A: Mail Survey

APPENDIX B: Initial Cover Letter

APPENDIX C: First Follow-up Cover Letter

APPENDIX D: Second Follow-up Cover Letter

JOHNSON COUNTY COMMUNITY COLLEGE
3-YEAR FOLLOW-UP STUDY OF
CAREER PROGRAM COMPLETERS

(AFFIX LABEL HERE)

Dear Former Student: Please take a few minutes to carefully respond to each of the following questions as honestly and completely as possible, then return the completed survey to us in the envelope provided. All responses will be kept strictly confidential and reported as group data only. Thank you for your help!

____ NOTE: If you were not enrolled in a JCCC career program three years ago, please check here and return the uncompleted survey to us so our records can be updated. Thank you.

---

1. Which JCCC career program were you enrolled in about three years ago?

2. What was your status when you left that career program? (Check only one)

____1. Earned an associate's degree
____2. Earned a vocational certificate
____3. Left with enough training to work in this career field
____4. Other (please specify)

3. How many semesters were you enrolled in that program at JCCC?_____

4. How many total credit hours have you completed at JCCC?_____

5. Which of the following best describes your primary educational objective when you first enrolled at JCCC? (Check only one)

____1. Transfer to another college or university
____2. Prepare to enter the job market
____3. Improve skills for your present job
____4. Explore courses to decide on a new career
____5. Remedy or review basic skills
____6. Study topics of interest or for self-improvement
____7. Prepare to change careers
____8. Other (please specify)

6. Did you change this educational objective while a student at JCCC?

____1. Yes, changed objective to_____
____2. No

7. Did you achieve your JCCC educational objective?

____1. Yes, completely
____2. Yes, partially
____3. No (If no, briefly explain reason)

8. If yes, did JCCC help you to achieve this educational objective?

____1. Yes
____2. Unsure
____3. No (Please explain)

9. Regardless of the financial benefits, do you feel your JCCC experiences have improved the quality of your life?

____1. Definitely yes
____2. Probably yes
____3. Uncertain
____4. Probably no
____5. Definitely no

10. If you could go back, knowing what you know now, would you still attend JCCC?

____1. Definitely yes
____2. Probably yes
____3. Uncertain
____4. Probably no
____5. Definitely no

11. Would you recommend attending JCCC to your friends and acquaintances?

____1. Yes
____2. Unsure
____3. No

12. Would you encourage your own children to attend JCCC?

____1. Yes
____2. Unsure
____3. No

13. If you could name one faculty or staff member who had the greatest impact on you at JCCC, who would it be?

Why did you select this person?

14. People have different reasons for attending college--career training, personal growth, intellectual development, and so on. Please rate each of the following with regard to how much you agree that JCCC <u>should</u> have helped you with this, and how much you agree that your experiences at JCCC <u>actually</u> helped accomplish it, based on the following scale (Circle one response for each). Skip those items which are not applicable to you.

1 = Strongly disagree
2 = Somewhat disagree
3 = Neutral
4 = Somewhat agree
5 = Strongly agree

		JCCC Should Have Done This					JCCC Affected Me This Way				
A.	Broadened my knowledge of the arts and sciences	1	2	3	4	5	1	2	3	4	5
B.	Improved my ability to communicate orally	1	2	3	4	5	1	2	3	4	5
C.	Improved my ability to communicate in writing	1	2	3	4	5	1	2	3	4	5
D.	Improved my ability to make good decisions	1	2	3	4	5	1	2	3	4	5
E.	Improved my ability to make constructive use of time	1	2	3	4	5	1	2	3	4	5
F.	Enhanced my ability to get along with others	1	2	3	4	5	1	2	3	4	5
G.	Expanded my tolerance for people and ideas	1	2	3	4	5	1	2	3	4	5
H.	Assisted me in clarifying the values and goals of my life	1	2	3	4	5	1	2	3	4	5

15. How are you currently using the skills you developed through your JCCC career program?

____1. In my job
____2. Doing volunteer work
____3. Not using my skills (please explain)
____4. Other (please specify)

16. Have you ever used the JCCC Career Planning and Placement Center?

____1. Yes
____2. No (If no, why not?)

17. Which of the following best describes your current employment situation?

____1. Full-time military
____2. Employed part-time (under 30 hours per week)
____3. Employed full-time (30+ hours per week)
____4. Unemployed; actively looking for work
____5. Not in labor force (not employed and not actively looking for a job)

<u>IF UNEMPLOYED OR OUT OF THE LABOR FORCE--SKIP TO QUESTION 26</u>

18. How long have you had your present job?_____

19. What is your current job title?_____

20. What is your average <u>hourly</u> wage?_____

21. How would you describe your job in terms of the skills you developed at JCCC?

____1. Directly related to skills developed in JCCC career program
____2. Somewhat related to skills developed in JCCC career program
____3. Not at all related to skills developed in JCCC career program

22. How satisfied are you with your present job?

____1. Very dissatisfied
____2. Somewhat dissatisfied
____3. Neutral
____4. Somewhat satisfied
____5. Very satisfied

---

23. Please rate each of the following characteristics of your current job by circling the number most closely reflecting your opinion.

	Poor	Fair	Average	Good	Excellent	Don't Know
A. Working conditions	1	2	3	4	5	9
B. Amount of responsibility	1	2	3	4	5	9
C. Advancement potential	1	2	3	4	5	9
D. Salary	1	2	3	4	5	9
E. Job in general	1	2	3	4	5	9

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24. Is your current job the first one you have had in this career field?

____1. Yes
____2 No

25. Were you employed in this job before enrolling in the JCCC career program?

____1. Yes
____2. No

26. Do you feel you've progressed in your career field since completing your JCCC career program?

____1. No
____2. Yes (If yes, in what ways have you progressed? Check all that apply)

____1. Salary increase(s)
____2. Promotion(s)
____3. Professional recognition
____4. Other (please specify)

27. Have you enrolled in any classes since completing your JCCC career program three years ago?

____1. Yes (Where?)_____
____2. No (If no, skip to question 29)

28. Were the classes related to the JCCC career program you completed?

____1. Yes
____2 No

29. Have you earned any degrees or certificates since completing your JCCC career program?

____1. No
____2. Yes (If yes, what degree or certificate was earned?)

____1. Vocational certificate in _____
____2. Associate's degree
____3. Bachelor's degree
____4. Other (please specify)_____

30. Are you currently enrolled in any classes or participating in any training?

____1. Yes (Where?)_____
____2. No

31. Do you plan to enroll in any classes or training within the next year?

____1. Yes (Where?)_____
____2. Unsure
____3. No

32. What is your current primary educational objective? (Check only one)

____1. Transfer to another college or university
____2. Prepare for graduate school
____3. Prepare to enter the job market
____4. Improve skills for your present job
____5. Explore courses to decide on a new career
____6. Remedy or review basic skills
____7. Study topics of interest or for self-improvement
____8. Prepare to change careers
____9. No plans for more education
____10. Other (please specify)

33. Please describe your JCCC grades (check only one):

____1. Mostly A's
____2. Mostly A's and B's
____3. Mostly B's
____4. Mostly B's and C's
____5. Mostly C's
____6. Mostly C's and D's
____7. Mostly D's
____8. Mostly F's

---

34. Based on your own personal experiences, please indicate your level of satisfaction with each of the following aspects of JCCC by circling the number most closely reflecting your opinion based on the following scale. If you have also attended a 4-year college or university, also indicate your level of satisfaction with each of these aspects of the 4-year school you attended. Skip those items which are not applicable to you.

1 = Very dissatisfied
2 = Somewhat dissatisfied
3 = Neutral
4 = Somewhat satisfied
5 = Very satisfied

		AT JCCC					AT 4-YEAR SCHOOL*				
A	Academic advisement/counseling	1	2	3	4	5	1	2	3	4	5
B	Availability of scholarships and financial aid	1	2	3	4	5	1	2	3	4	5
C	Registration process	1	2	3	4	5	1	2	3	4	5
D	Convenience of class scheduling	1	2	3	4	5	1	2	3	4	5
E	Variety of courses	1	2	3	4	5	1	2	3	4	5
F	Helpfulness/individual attention of faculty	1	2	3	4	5	1	2	3	4	5
G	Quality of instruction	1	2	3	4	5	1	2	3	4	5
H	Career/transfer preparation	1	2	3	4	5	1	2	3	4	5
I	Job placement services	1	2	3	4	5	1	2	3	4	5
J	Facilities and equipment	1	2	3	4	5	1	2	3	4	5

* What 4-year school did you attend?

---

35. What is your race?

____1. American Indian/Alaskan
____2. Hispanic
____3. Asian/Pacific Islander
____4. Black
____5. White/Other

36. What is your marital status?

____1. Single/never married
____2. Married now
____3. Previously married (separated, divorced or widowed)

37. What is your sex?

____1. Male
____2. Female

38. What is your age?_____

39. Which of the following best describes your annual family income?

____1. Under $20,000
____2. $20,000 to $40,000
____3. $40,001 to $60,000
____4. $60,001 to $80,000
____5. $80,001 to $100,000
____6. Over $100,000

Any comments or suggestions about JCCC or the career program you completed which would help us in meeting the needs of future JCCC students would be appreciated. Thank you for your help.

APPENDIX B

Johnson County Community College
12345 College at Quivira
Overland Park, Kansas 66210-1299
(913) 469-8500

June 18, 1990

Dear Former JCCC Student:

As part of Johnson County Community College's continuing commitment to improving its programs and services, we are surveying former students who completed a JCCC career program about three years ago. We are particularly interested in your opinion of the JCCC career program you were enrolled in, your experiences since leaving the program, and your educational plans for the future.

Please take a few minutes to answer each of the questions on the enclosed survey as completely and honestly as possible. We would appreciate receiving the completed survey by June 30 if possible. A postage-paid business reply envelope is enclosed for your conveinence in returning the survey to us. Naturally all responses will be kept strictly confidential and reported as group data only.

If you prefer a telephone interview, please call us at (913) 469-8500, ext. 3443. If you were not enrolled in a JCCC career program about three years ago, simply check where indicated and return the uncompleted survey to us so we can update our records.

Thank you for your contribution to this important project. Good luck in your future endeavors.

Sincerely,

Dan Radakovich

Dan Radakovich
Vice President for Academic Affairs

Enclosures

APPENDIX C

JCCC

Johnson County Community College
12345 College at Quivira
Overland Park, Kansas 66210-1299
(913) 469-8500

July 9, 1990

Dear Former JCCC Student:

A few weeks ago we sent you a survey requesting information about your educational plans for the future, your opinion of the JCCC career program you were enrolled in three years ago, and your experiences since leaving JCCC. We are pleased with the response thus far, but would like to make it even better. If you have already completed the survey, thank you very much. Your responses will help us in planning to meet the needs of future JCCC students like yourself.

In the event you have not as yet completed the survey and returned it to us, we are enclosing a second copy. Please take a few minutes to answer each of the questions and return the survey to us by July 25 in the envelope provided. Naturally your responses will be kept strictly confidential and reported as group data only.

Thank you for your contribution to this important project, and good luck in your future endeavors.

Sincerely,

Dan Radakovich

Dan Radakovich
Vice President for Academic Affairs

Enclosures

APPENDIX D

JCCC

Johnson County Community College
12345 College at Quivira
Overland Park, Kansas 66210-1299
(913) 469-8500

August 7, 1990

Dear Former JCCC Student:

As part of Johnson County Community College's continuing commitment to improving its programs and services, we are surveying former students who completed a JCCC career program either in the summer of 1986, fall of 1986, or spring of 1987. We are particularly interested in your opinion of the JCCC career program you were enrolled in, your experiences since leaving the program, and your educational plans for the future.

Since you were unable to complete a telephone interview when we called, we are enclosing a mail survey. Please take a few minutes to answer each of the questions on the enclosed survey as completely and honestly as possible. We would appreciate receiving the completed survey by August 21 if possible. A postage-paid business reply envelope is enclosed for your convenience in returning the survey to us. Naturally all responses will be kept strictly confidential and reported as group data only.

If you prefer a telephone interview, please call us at (913) 469-8500, ext. 3443. Thank you for your contribution to this important project, and good luck in your future endeavors.

Sincerely,

Karen Conklin

Karen A. Conklin, Ed.S
Market and Survey Research Analyst
Office of Institutional Research

Enclosures

ERIC Clearinghouse for
Junior Colleges

FEB 22 1991